

Amendments to the Claims:

Please amend the claims as set out in the Listing of Claims below, which replaces all
5 prior versions, and listings, of claims in the application.

Listing of Claims:

Claims 1-39 (canceled)

- 10
40. (Previously presented) A thickened oil cosmetic composition which comprises
- (1) an oil, and
 - (2) dispersed in the oil, a polymer which
 - (a) has a crystalline melting point, T_p , and an onset of melting
15 temperature, T_o , such that $T_p - T_o$ is less than $T_p^{0.7}$,
 - (b) is soluble in the oil at temperatures above T_p ,
 - (c) has been dispersed in the oil by a process which comprises
 - (i) dissolving the polymer in the oil at a temperature above T_p ,
and
 - 20 (ii) cooling the solution to crystallize the polymer in the oil,
 - (d) is a side chain crystalline (SCC) polymer which is substantially free of functional groups, and which consists of
 - (i) 50 to 100% by weight of units derived from at least one
25 n-alkyl acrylate in which the n-alkyl group contains 12 to 50 carbon atoms, and
 - (ii) 0 to 50% by weight of units derived from at least one alkyl acrylate or methacrylate in which the alkyl group is not an n-alkyl group containing 12 to 50 carbon atoms, and
 - (e) is present in amount 3 to 10% by weight;
 - 30 (ii) the composition being at a temperature which is below T_p .

41. (Previously presented) A composition according to Claim 40, wherein the SCC polymer consists essentially of units derived from an n-alkyl acrylate in which the n-alkyl group contains 14 to 22 carbon atoms.

5 42-43. (Canceled).

44. (Previously presented) A composition according to Claim 40 which is at a temperature of 20 to 25 °C and wherein T_p is more than 40 °C.

10 45. (Canceled)

46. (Previously presented) A composition according to Claim 40 which is substantially free of water.

15 47. (Previously presented) A composition according to Claim 40 wherein T_p is 20-80°C.

48. (Canceled)

20 49. (Previously presented) A composition according to Claim 40, wherein $T_p - T_o$ is less than 10°C.

50. (Canceled)

25 51. (Previously presented) A composition according to Claim 40 which contains 3 to 7% by weight of the SCC polymer.

52-58. (Canceled)

30 59. (Previously presented) A thickened oil composition comprising

- (1) at least one oil selected from the group consisting of hydrogenated polyisobutylene; triglycerides; purcellin oil; isopropyl myristate; butyl myristate; cetyl myristate; isopropyl palmitate; butyl palmitate; ethyl-2-hexyl palmitate; isopropyl stearate; butyl stearate; octyl hexadecyl stearate; isocetyl stearate; decyl oleate; hexyl laurate; propylene glycol dicaprylate, diisopropyl adipate; animal oils; oleyl alcohol; linoleyl alcohol; linolenyl alcohol; isostearyl alcohol; octyl dodecanol; esters derived from lanolic acid; acetyl glycerides; octanoates of glycol; octanoates of glycerol; decanoates of glycol; decanoates of glycerol; and cetyl ricinoleate; and
- (2) dispersed in the oil, a polymer which
- (a) has a crystalline melting point, T_p , and an onset of melting temperature, T_o , such that $T_p - T_o$ is less than $T_p^{0.7}$,
 - (b) is soluble in the oil at temperatures above T_p ,
 - (c) has been dispersed in the oil by a process which comprises (i) dissolving the polymer in the oil at a temperature above T_p , and (ii) cooling the solution to crystallize the polymer in the oil, and
 - (d) is a side chain crystalline (SCC) polymer which is substantially free of functional groups, and which consists of
 - (i) 50 to 100% by weight of units derived from at least one n-alkyl acrylate or methacrylate in which the n-alkyl group contains 12 to 50 carbon atoms, and
 - (ii) 0 to 50% by weight of units derived from at least one alkyl acrylate or methacrylate in which the alkyl group is not an n-alkyl group containing 12 to 50 carbon atoms;
- the composition being at a temperature below T_p .

60. (Previously presented) A composition according to Claim 59 wherein T_p is above 40 °C.

61. (Previously presented) A composition according to Claim 59 wherein T_p is 20-80°C.

62. (Previously presented) A composition according to Claim 59 wherein $T_p - T_o$ is less than 10°C .
- 5 63. (Previously presented) A composition according to Claim 59 wherein the SCC polymer comprises a homopolymer of the n-alkyl acrylate in which the n-alkyl group contains 18 carbon atoms.
- 10 64. (Previously presented) A composition according to Claim 59 wherein the SCC polymer is a homopolymer of the n-alkyl acrylate in which the n-alkyl group contains 22 carbon atoms.
- 15 65. (Previously presented) A composition according to Claim 59 wherein the oil comprises a vegetable oil.
- 20 66. (Previously presented) A composition according to Claim 59 wherein the oil comprises at least one oil selected from the group consisting of sunflower seed oil, sesame seed oil, rape seed oil, sweet almond oil, calphyllum oil, palm oil, avocado oil, jojoba oil, olive oil, castor oil, and grain germ oils.
67. (Currently amended) A composition according to Claim 59 wherein the oil comprises at least one oil selected from the group consisting of perhydrosqualene, isopropyl lanolate and ~~or~~ isocetyl lanolate.
- 25 68. (Previously presented) A thickened oil composition which is a water-in-oil emulsion and which comprises
- (1) an oil, and
- (2) dispersed in the oil, a polymer which
- (a) has a crystalline melting point, T_p , and an onset of melting temperature, T_o , such that $T_p - T_o$ is less than $T_p^{0.7}$,
- 30 (b) is soluble in the oil at temperatures above T_p ,

- (c) has been dispersed in the oil by a process which comprises
(i) dissolving the polymer in the oil at a temperature above T_p , and
(ii) cooling the solution to crystallize the polymer in the oil,

and

- 5 (d) is a side chain crystalline (SCC) polymer which is substantially free of functional groups;

the composition being at a temperature below T_p .

69. (Previously presented) A thickened oil composition which is a water-in-oil
10 emulsion and which comprises

- (1) an oil, and

- (2) dispersed in the oil, a side chain crystalline (SCC) polymer which

- (a) has a crystalline melting point, T_p , of 20 to 80 °C, and an onset of melting temperature, T_o , such that $T_p - T_o$ is less than 10 °C,

- 15 (b) is soluble in the oil at temperatures above T_p ,

- (c) has been dispersed in the oil by a process which comprises

- (i) dissolving the polymer in the oil at a temperature above T_p , and
(ii) cooling the solution to crystallize the polymer in the oil,

- 20 (d) contains at least 80% by weight of repeating units containing a side chain comprising a linear polymethylene radical or a linear substantially perfluorinated polymethylene radical containing 6 to 50 carbon atoms, and
(e) is substantially free of functional groups;

the composition being at a temperature below T_p .

- 25 70. (Previously presented) A composition according to Claim 69, wherein T_p is 20-80°C.

71. (Previously presented) A composition according to Claim 69, wherein the
SCC polymer consists essentially of units derived from at least one n-alkyl acrylate or
30 methacrylate in which the n-alkyl group contains 12 to 50 carbon atoms.

72. (Previously presented) A composition according to Claim 69 which contains 3 to 10% by weight of the SCC polymer.

73. (Previously presented) A composition according to Claim 69 which contains 3 to 7% by weight of the SCC polymer.

74-76. (Canceled)

77. (Previously presented) A thickened oil composition which is a lipstick, deodorant, nail varnish, sun cream, protective hand cream, night renewal cream, body milk, body lotion, light facial cream, protective day cream, or moisturizing emulsion; and which comprises

(1) an oil, and

(2) dispersed in the oil, a polymer which

(a) has a crystalline melting point, T_p , and an onset of melting temperature, T_o , such that $T_p - T_o$ is less than $T_p^{0.7}$,

(b) is soluble in the oil at temperatures above T_p ,

(c) has been dispersed in the oil by a process which comprises

(i) dissolving the polymer in the oil at a temperature above T_p ,

and

(ii) cooling the solution to crystallize the polymer in the oil, and

(d) is a side chain crystalline (SCC) homopolymer which is substantially free of functional groups;

the composition being at a temperature which is below T_p .

78-79. (Canceled)

80. (Previously presented) A thickened oil composition which is a lipstick, deodorant, nail varnish, sun cream, protective hand cream, night renewal cream, body milk, body lotion, light facial cream, protective day cream, or moisturizing emulsion, and which comprises

(1) an oil,

- (2) dispersed in the oil, a polymer which
- (a) has a crystalline melting point, T_p , and an onset of melting temperature, T_o , such that $T_p - T_o$ is less than $T_p^{0.7}$,
 - (b) is soluble in the oil at temperatures above T_p ,
 - (c) has been dispersed in the oil by a process which comprises
 - (i) dissolving the polymer in the oil at a temperature above T_p , and
 - (ii) cooling the solution to crystallize the polymer in the oil; and
 - (d) is a side chain crystalline (SCC) polymer which is substantially free of functional groups, and which consists of
 - (i) 50 to 100% by weight of units derived from at least one n-alkyl acrylate or methacrylate in which the n-alkyl group contains 12 to 50 carbon atoms, and
 - (ii) 0 to 50% by weight of units derived from at least one alkyl acrylate or methacrylate in which the alkyl group is not an n-alkyl group containing 12 to 50 carbon atoms;
- the composition being at a temperature which is below T_p .

81-82. (Canceled)

83. (Previously presented) A composition according to Claim 77, wherein the SCC polymer consists essentially of units derived from an n-alkyl acrylate or methacrylate in which the n-alkyl group contains 10 to 50 carbon atoms.

84. (Previously presented) A composition according to Claim 77 wherein the SCC polymer is present in amount 0.1 to 12 % by weight, based on the weight of the oil.

85. (Previously presented) A composition according to Claim 77 which contains 3 to 10% by weight of the SCC polymer.

86. (Previously presented) A composition according to Claim 77 which contains 3 to 7% by weight of the SCC polymer.

87. (Previously presented) A composition according to Claim 77 wherein T_p is more than 40 °C.

5 88. (Previously presented) A composition according to Claim 77 wherein T_p is 20 to 80°C.

89. (Previously presented) A composition according to Claim 77 which is at a temperature of 20 to 25 °C and wherein T_p is 40-50 °C.

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90. (Previously presented) A composition according to Claim 77, wherein $T_p - T_o$ is less than 10°C.

91. (Previously presented) A composition according to Claim 77 which is
15 substantially free of water.

92-99. (Canceled)

100. (Previously presented) A thickened oil composition which is a pretanning
20 lotion, sunscreen lotion, sun tan lotion, after-sun lotion, makeup remover, hair-treating oil, hairdressing preparation, shampoo, foam bath, bath oil, skin cleanser, skin foundation, perfumed gel, mascara or eye makeup, and which comprises

(1) an oil, and

(2) dispersed in the oil, a polymer which

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(a) has a crystalline melting point, T_p , and an onset of melting temperature, T_o , such that $T_p - T_o$ is less than $T_p^{0.7}$,

(b) is soluble in the oil at temperatures above T_p ,

(c) has been dispersed in the oil by a process which comprises

(i) dissolving the polymer in the oil at a temperature above T_p , and

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(ii) cooling the solution to crystallize the polymer in the oil;

and

(d) is a side chain crystalline (SCC) polymer which is substantially free of functional groups;

the composition being at a temperature which is below T_p .

5 101. (Previously presented) A composition according to Claim 100 which is substantially free of water.

102. (Previously presented) A composition according to Claim 100 wherein the SCC polymer is present in amount 0.1 to 12 % by weight, based on the weight of the oil.

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103. (Previously presented) A composition according to Claim 100 which contains 3 to 10% by weight of the SCC polymer.

104. (Previously presented) A composition according to Claim 100 which contains 3 to 7% by weight of the SCC polymer.

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105. (Previously presented) A composition according to Claim 100 wherein T_p is more than 40 °C.

20 106. (Previously presented) A composition according to Claim 100 wherein T_p is 20 to 80°C.

107. (Previously presented) A composition according to Claim 100 which is at a temperature of 20 to 25 °C and wherein T_p is 40-50 °C.

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108. (Previously presented) A composition according to Claim 101, wherein $T_p - T_o$ is less than 10°C.

109. (Canceled)

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110. (Currently amended) A composition which comprises

- (1) an oil,
- (2) dispersed in the oil, a polymer which
- (a) has a crystalline melting point, T_p , and an onset of melting temperature, T_o , such that $T_p - T_o$ is less than $T_p^{0.7}$,
- 5 (b) is soluble in the oil at temperatures above T_p ,
- (c) has been dispersed in the oil by a process which comprises
- (i) dissolving the polymer in the oil at a temperature above T_p , and
- (ii) cooling the solution to crystallize the polymer in the oil;
- and
- 10 (d) is a side chain crystalline (SCC) polymer which is substantially free of functional groups; and
- (3) at least one additive selected from the group consisting of sunscreen agents, deodorants, pharmaceuticals and antiseptic agents;

the composition being at a temperature which is below T_p .

15 111. (Previously presented) A composition according to Claim 110 which is substantially free of water.

112. (Previously presented) A composition according to Claim 110 wherein the
20 SCC polymer is present in amount 0.1 to 12 % by weight, based on the weight of the oil.

113. (Previously presented) A composition according to Claim 110 which contains 3 to 10% by weight of the SCC polymer.

25 114. (Previously presented) A composition according to Claim 110 which contains 3 to 7% by weight of the SCC polymer.

115. (Previously presented) A composition according to Claim 110 wherein T_p is more than 40 °C.

116. (Previously presented) A composition according to Claim 110 wherein T_p is 20 to 80°C.

117. (Previously presented) A composition according to Claim 110 which is at a temperature of 20 to 25 °C and wherein T_p is 40-50 °C.

118. (Previously presented) A composition according to Claim 110 wherein $T_p - T_o$ is less than 10°C.

119. (Previously presented) A composition according to Claim 110 which is substantially free of water.

120. (Previously presented) A thickened oil composition which comprises

(1) a silicone oil, and

(2) dispersed in the oil, a polymer which

(a) has a crystalline melting point, T_p , and an onset of melting temperature, T_o , such that $T_p - T_o$ is less than $T_p^{0.7}$,

(b) is soluble in the oil at temperatures above T_p ,

(c) has been dispersed in the oil by a process which comprises

(i) dissolving the polymer in the oil at a temperature above T_p , and

(ii) cooling the solution to crystallize the polymer in the oil, and

(d) is a side chain crystalline (SCC) polymer which is substantially free of functional groups;

the composition being at a temperature which is below T_p .

121-129 (canceled)